

Oct 07

HÀ SOLAR FLARES

OCTOBER 2007

Hà SOLAR FLARES
OCTOBER 2007

Grp #	Sta #	Day	Start (UT)	Max (UT)	End (UT)	NOAA/ USAF				Dur (Min)	Imp Opt	Obs Xray	Time (UT)	Area Measurement		
						Lat	CMD	Region	Mo Day					Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
	24	1135		1212	No Flare Patrol											
	24	1227		1240	No Flare Patrol											
	24	1254		1258	No Flare Patrol											
	24	1315		1332	No Flare Patrol											
	25	1201		1206	No Flare Patrol											
	25	1209		1210	No Flare Patrol											
	25	1213		1220	No Flare Patrol											
	25	1226		1232	No Flare Patrol											
	25	1234		1333	No Flare Patrol											
	25	1636		1642	No Flare Patrol											
	25	1950		2221	No Flare Patrol											
	26	1022		1334	No Flare Patrol											
	27	0125		0228	No Flare Patrol											
	27	0324		0343	No Flare Patrol											
	27	1026		1030	No Flare Patrol											
	27	1043		1047	No Flare Patrol											
	27	1106		1108	No Flare Patrol											
	27	1223		1335	No Flare Patrol											
	28	1131		1336	No Flare Patrol											
	30	0007		0109	No Flare Patrol											
	30	1024		1212	No Flare Patrol											
	30	1231		1337	No Flare Patrol											
	31	1024		1025	No Flare Patrol											
	31	1058		1105	No Flare Patrol											
	31	1108		1109	No Flare Patrol											
	31	1112		1141	No Flare Patrol											
	31	1214		1222	No Flare Patrol											
	31	1318		1335	No Flare Patrol											
	31	1409		1413	No Flare Patrol											
	31	1421		1432	No Flare Patrol											
	31	1639		1734	No Flare Patrol											
	31	1747		1755	No Flare Patrol											
	31	2008		2014	No Flare Patrol											
	31	2026		2052	No Flare Patrol											
	31	2116		2140	No Flare Patrol											
	31	2159		2200	No Flare Patrol											

"Remarks"

A = Eruptive prominence whose base is less than 90 degrees from central meridian.
B = Probably the end of a more important flare.
C = Invisible 10 minutes before.
D = Brilliant point.
E = Two or more brilliant points.
F = Several eruptive centers.
G = No visible spots in the neighborhood.
H = Flare accompanied by high-speed dark filament.
I = Active region very extended.
J = Distinct variations of plage intensity before or after the flare.
K = Several intensity maxima.
L = Existing filaments show signs of sudden activity.
M = White-light flare.
N = Continuous spectrum shows effects of polarization.

O = Observations have been made in the H and K lines of Ca II.
P = Flare shows Helium D3 in emission.
Q = Flare shows Balmer continuum in emission.
R = Marked asymmetry in H-alpha line suggests ejection of high-velocity material.
S = Brightness follows disappearance of filament in same position.
T = Region active all day.
U = Two bright branches, parallel or converging.
V = Occurrence of an explosive phase; important expansion within roughly 1 minute that often includes a significant intensity increase.
W = Great increase in area after time of maximum intensity.
X = Unusually wide H-alpha line.
Y = System of loop-type prominences.
Z = Major sunspot umbra covered by flare.

Observation Type: C=Cinematographic, E=Electronic, P=Photographic, V=Visual